



MILESTONES OF FLIGHT

This hall opened 17th December 2003 marking the 100th anniversary of the first powered flight by Orville Wright. It celebrates the important aviation developments of the century.

FIRST FLOOR

Find the Blériot XI and the Eurofighter Typhoon. Look at the two aircraft and see just how far aviation development has come in one century.

What was Louis Blériot's famous achievement that took place 25th July 1909?

The first person to cross the English Channel in an aeroplane.

The Eurofighter Typhoon has a 'swing role' design. Tick the boxes that describe its 'swing role' qualities.

- | | | | |
|--------------------------|------------------------|--------------------------|--------------------|
| <input type="checkbox"/> | Fighter aircraft | <input type="checkbox"/> | Bomber aircraft |
| <input type="checkbox"/> | Ground attack aircraft | <input type="checkbox"/> | Passenger aircraft |

**On your way around you will see several computer kiosks.
Find out more information, view film clips from history and test your knowledge further.
Explore them at your leisure!**

Go to the Fokker DVII and note its unusual camouflage. It was thought that this bright, bold pattern was more effective than traditional types that blended in, as it broke up the outline of the aircraft making it hard to define. (Think about the animal kingdom and zebras).

This German fighter took part in which war?

World War One.

Most aircraft of this time had wooden frames. What strong material was used for the Fokker DVII fuselage frame?

Welded steel tube fuselage frame.

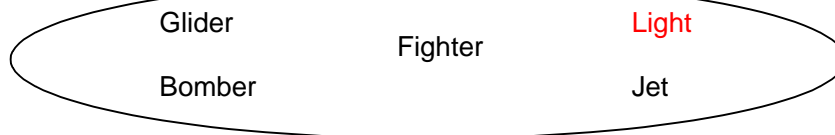
**Before you go downstairs to complete the rest of your worksheet,
Take a moment to view the other aircraft in this hall from the balcony.**

MILESTONES OF FLIGHT DISCOVERY SHEET

GROUND FLOOR

Find the Gipsy Moth. In 1930 Amy Johnson, a young British woman aged 26, became the first female pilot to fly solo from Britain to Australia. She became a celebrity for her achievements and our Gipsy Moth is very similar to the one that she completed her record in.

What type of aircraft is the Gipsy Moth? Circle the correct answer.



What was the name of the German fighter that became famous in World War Two and could rival the British Spitfire and the US Mustang in performance?

Messerschmitt Bf109g.

Walk along the timeline on the far wall which marks many aviation and world developments 1903-2003. The yellow line marks the actual length of the Wright Brothers' first flight.

Find your birth year. Note down 3 events that occurred in that year.

Your Birth Year	Events

Find the plane on the revolving platform. The P-51 Mustang was one of the greatest fighters of World War Two. Planes were often marked in the pilot's colours out of remembrance and respect. This particular plane, with its natural metal finish and 'Donald Duck' emblem, is marked in the colours of Captain Donald Emerson – a 21 year old American pilot who was killed on Christmas Day 1944.

What type of engine with a well known name did the Mustang have?

Rolls Royce Merlin engine.

Can you see the BAe Harrier? This is often known as a 'jump jet.'
Why do you think this is so? Tick the correct answer.

- As it lands it bounces along the runway. It is capable of vertical take-off and landing.
 It is used to drop paratroopers.

**Now you have discovered the planes in Milestones of Flight,
Why not try our other Discovery Sheets!**